

SECRET

3 August 1954

REQUIREMENT FOR TECHNICIANS FOR MONITORING
OF INTELLIGIBILITY OF U.S. INTERNATIONAL
BROADCASTING IN THE TARGET AREAS
OF THE SOVIET BLOC

1. NSC-169, Paragraph 2, directed that certain monitoring for the appraisal of United States international broadcasting be established in certain United States missions.

2. As a result of a ninety-day temporary duty assignment of technicians as monitors in [REDACTED] in 1954, based on the requirement of Paragraph 2, NSC-169, it was determined *that productive monitoring could be accomplished in missions behind the Iron Curtain.

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3. The requirement exists for technicians as monitors on a permanent basis in the embassies [REDACTED]

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4. The appraisal of the technical effectiveness of broadcasting involves:

a. Observing the intelligibility of broadcasts in target areas.

b. Identifying the source of jamming signals and reporting on their characteristics.

The latter will permit evaluation of the location and extent of local ground-wave jamming. It is important for both of these activities that observations be made outside the capital city as well as in the embassy.

5. In the absence of, or to augment, monitoring by technicians, it is desirable for technicians to train non-technical personnel in the use of portable receiving equipment and reporting techniques for the above purposes. Continuing technical guidance to such non-technical personnel is required for realization of the maximum amount and validity of their observations.

*See ODM Progress Report on NSC-169, dated 1 October 1954.

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6. The technician-monitor in Iron Curtain embassies and legations need not be an advanced radio engineer but should be a well-qualified technician. He will be required to do the following:

- a. Make observations of the intelligibility of U.S. broadcasts, both in and out of the embassy, and of the locations and areas of effectiveness of jamming stations.
- b. Provide continuing guidance in the form of evaluation and redirection of the activities of qualified non-technical embassy personnel in this field.
- c. Maintain and calibrate the receivers used.
- d. Provide recognition of code identifiers of jamming signals.
- e. Devise, as opportune, special tests for observing operational techniques of jammers.

7. To implement the foregoing objectives, it is necessary to station a technician in each of the missions in the Soviet orbit countries.

8. The proportion of the technician's time required for these operations will vary from place to place depending on the size of the country, opportunities for travel, and the number of cooperating embassy lay personnel. It is also considered that the time required during initial phases of the operation will be greater than indicated below because of time required for initial training activities.

9. The following is the estimated, minimum average proportion of the technician's time required for the several embassies:

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	50%
	33%
	50%
	33%

10. The time of operation is not restricted to normal working hours but will include optimum listening hours.

11. The space requirements will generally be about 100-150 square feet for receivers, frequency meter, tape recorder, typewriter, and storage space for portable receivers and supplies.